

PATENT ABSTRACTS OF JAPAN

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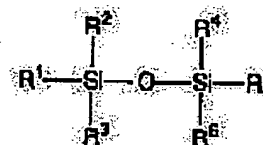
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(54) COMPOSITION FOR PRODUCING ORGANOMONOALKOXYLSILANE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a composition for producing an organomonoalkoxysilane, comprising an organodisiloxane, an orthocarboxylate ester, a compound bearing a group containing active hydrogen atoms and a catalyst and giving the organomonoalkoxysilane cleanly in high yield under mild conditions.

SOLUTION: An organodisiloxane of the formula (R1-R6 are each a monofunctional hydrocarbon, H), for example, hexamethyldisiloxane, an orthocarboxylate ester such as trimethyl orthoformate, a compound bearing a group containing active hydrogens, for example, water and a catalyst such as concentrated sulfuric acid are mixed to give the objective composition which can produce an organomonoalkoxysilane of high purity in high yield cleanly under mild conditions by stirring the composition at room temperature in a nitrogen atmosphere through a halogen-free process with increased safety.



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